

Figure 1  
Nucleotide sequence and translation of HCQAS17

1	GCACGAGGCCAAACAGATTGCAGATCAAGGAGAACCCAGGAGTTCAAAGAACGCTAG	10	30	50	60
61	TAAGGTCTCTGAGATCCTGCAGCTACATCCTCAGGGTAGGAGGAAGATGGCTTCA	70	90	110	120
1				M A S R	4
121	GAAGCATGGGGCTGCTCCATTGCTGAGCTGCCTGGCCAAAACAGGAGTCCTGGGTGATA	130	150	170	180
5	S M R L L L L S C L A K T G V L G D I				24
181	TCATCATGAGACCCAGCTGTGCTCCTGGATGGTTTACACAGTCCAATTGCTATGGTT	190	210	230	240
25	I M R P S C A P G W F Y H K S N C Y G Y				44
241	ACTTCAGGAAGCTGAGGAACCTGGCTGATGCCGAGCTCGAGTGTCACTACGGAAACG	250	270	290	300
45	F R K L R N W S D A E L E C Q S Y G N G				64
301	GAGCCCACCTGGCATCTATCCTGAGTTAAAGGAAGCCAGCACCATAGCAGAGTACATAA	310	330	350	360
65	A H L A S I L S L K E A S T I A E Y I S				84
361	GTGGCTATCAGAGAACGCCAGCGATATGGATTGGCTGCACGACCCACAGAACGGCAGC	370	390	410	420
85	G Y Q R S Q P I W I G L H D P Q K R Q Q				104
421	AGTGGCAGTGGATTGATGGGCCATGTATCTGTACAGATCCTGGCTGGCAAGTCCATGG	430	450	470	480
105	W Q W I D G A M Y L Y R S W S G K S M G				124
481	GTGGGAACAAGCACTGTGCTGAGATGAGCTCCAATAACAACTTTAACCTGGAGCAGCA	490	510	530	540
125	G N K H C A E M S S N N N F L T W S S N				144
541	ACGAATGCAACAAGGCCAACACTTCTGTGCAAGTACCGACCATAAGAGCAAGAACG	550	570	590	600
145	E C N K R Q H F L C K Y R P *				164
601	ATTCTGCTAACTCCTGCACAGCCCCGTCTTCTTCTGCTAGCCTGGCTAAATCTGC	610	630	650	660
661	TCATTATTCAGAGGGAAACCTAGCAAACAGAGTATAAGGGCCCTACTACACTGGC	670	690	710	720
721	TTTTTTAGGCTTAGAGACAGAAACTTGTAGCATTGGCCCAGTAGTGGCTTAGCTCTAA	730	750	770	780
781	TGTTTGCCCCGCCATCCCTTCCACAGTATCCTCTTCCCTCTCCCCGTCTGGCTG	790	810	830	840
		325800-447			

850 870 890  
841 TCTCGAGCAGTCTAGAAGAGTGCATCTCAGCCTATGAAACAGCTGGGTCTTGGCCATA 900  
910 930 950  
901 AGAAGTAAAGATTTGAAGACAGAAGGAAGAAACTCAGGAGTAAGCTTCTAGACCCCTCA 960  
970 990 1010  
961 GCTTCTACACCCCTCTGCCCTCTCCATTGCCTGCACCCACCCAGCCACTCAACTCC 1020  
1030 1050 1070  
1021 TGCTTGTCCCCCTGGCCATAGGAAGGTTACCAAGTAGAATCCTGCTAGGTTGATGT 1080  
1090 1110  
1081 GGGCCATACATTCTTAATAAACCAATTGTGTAC 1114

3.25800-447

FIGURE 1 2/2

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